

(19)



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(11)

EP 1 041 520 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
26.03.2003 Bulletin 2003/13

(51) Int Cl.7: G07F 7/08, G07F 7/00,
A45C 1/00, A45C 11/18,
G06K 7/00

(43) Date of publication A2:
04.10.2000 Bulletin 2000/40

(21) Application number: 00105623.3

(22) Date of filing: 16.03.2000

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

Designated Extension States:
AL LT LV MK RO SI

(30) Priority: 29.03.1999 FI 990695

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(54) Transfer of electronic money

(57) The object of the invention is a wallet (9), which comprises a card reader (10) for receiving an electronic money card (11) being detachably coupled thereto. In addition, it comprises an LPRF transceiver (14), which is integrated into the wallet (9) and in connection with (13) the reader (10) for establishing a short-range radio

frequency connection (12) to outside the wallet to a device (8), which is in connection with a telecommunication network. Through this connection, electronic money can be transferred between the money card (11) and a third party (17), which third party (17) can be an Internet network server. Another object of the invention is a system and a method for transferring electronic money.

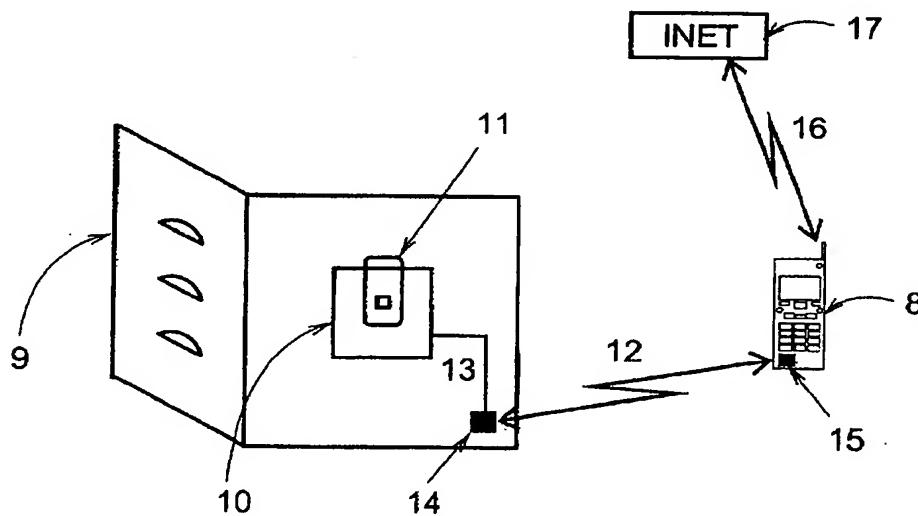


FIG. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 00 10 5623

DOCUMENTS CONSIDERED TO BE RELEVANT									
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)						
Y,D	WO 98 10363 A (LCI COMPUTER GROUP) 12 March 1998 (1998-03-12) * page 4, line 18 - page 7, line 24; figures 1-4 *	1-16	G07F7/08 G07F7/00 A45C1/00 A45C11/18 G06K7/00						
Y	HAARTSEN J: "BLUETOOTH - THE UNIVERSAL RADIO INTERFACE FOR AD HOC, WIRELESS CONNECTIVITY" ON - ERICSSON REVIEW, ERICSSON, STOCKHOLM, SE, no. 3, 1998, pages 110-117, XP000783249 ISSN: 0014-0171 * page 110 *	1-16							
A	EP 0 821 502 A (NOKIA MOBILE PHONES LTD) 28 January 1998 (1998-01-28) * abstract *	1-16							
A	US 5 887 266 A (TERHO MIKKO ET AL) 23 March 1999 (1999-03-23) * abstract; figures 6,7 *	1-16							
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)						
			G07F A45C G06K H04B						
<p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 34%;">Examiner</td> </tr> <tr> <td>MUNICH</td> <td>29 January 2003</td> <td>Lavin Liermo, J</td> </tr> </table>				Place of search	Date of completion of the search	Examiner	MUNICH	29 January 2003	Lavin Liermo, J
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MUNICH	29 January 2003	Lavin Liermo, J							
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document							
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ON EUROPEAN PATENT APPLICATION NO.**

EP 00 10 5623

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

29-01-2003

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9810363	A	12-03-1998	US	6065674 A	23-05-2000
			EP	0925547 A1	30-06-1999
			WO	9810363 A1	12-03-1998

EP 0821502	A	28-01-1998	US	6031825 A	29-02-2000
			EP	0821502 A2	28-01-1998
			JP	10117184 A	06-05-1998

US 5887266	A	23-03-1999	FI	950685 A	16-08-1996
			AU	696876 B2	17-09-1998
			AU	4624796 A	04-09-1996
			AU	709016 B2	19-08-1999
			AU	7865698 A	22-10-1998
			AU	712095 B2	28-10-1999
			AU	7865798 A	15-10-1998
			CN	1379608 A	13-11-2002
			CN	1174648 A	25-02-1998
			EP	0809916 A1	03-12-1997
			WO	9625828 A1	22-08-1996
			JP	11501424 T	02-02-1999
			US	2002102963 A1	01-08-2002
			US	6078806 A	20-06-2000
			US	6418326 B1	09-07-2002

PO FORM P0459

b) For more details about this annex : see Official Journal of the European Patent Office, No. 12/82